Eastern Shore Navigation Partnership Meeting

"A Unified Voice for Navigation, Project Prioritization, and the Future Success of Waterborne Commerce on Virginia's Eastern Shore"

Chincoteague Center, Chincoteague, Virginia

March 22, 2013

Welcome

- **Introductions**

- **Ground Rules**

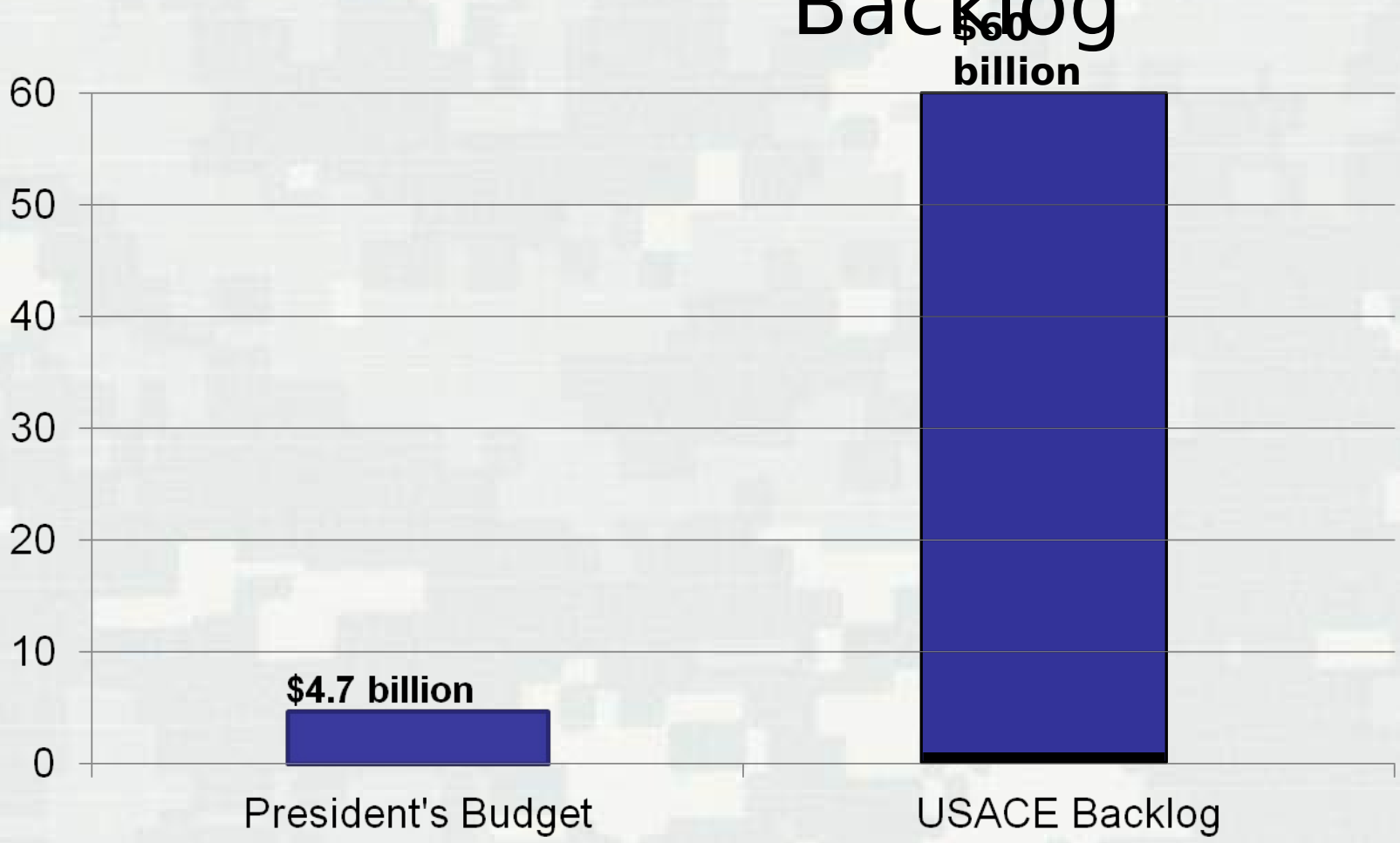
Navigation for the Eastern Shore

- USACE Navigation Mission
- Navigation Challenges
- Observations
- Norfolk District O&M Program Trends

Our Navigation Mission

Provide safe, reliable, efficient, effective and environmentally sustainable waterborne transportation systems for movement of commerce, national security needs, and recreation.

Budget versus Backlog



Congressional Realities

Earmarks

- Stakeholder requests funding
- Member of Congress champions
- Committee adjudicates
- Specific projects f

No Earmarks

- Broader program funding (non-project specific)
- Congress defines the program
- USACE develops performance based list
- USACE requests approval
- Congress reviews
- Congress **concurs**/non-concurs

FY13 Operations and Maintenance Budget
National Coastal Navigation

Category	# Projects	Percent of Commerce	FY13 O&M Projects	FY13 O&M Funds	FY12 O&M Proj.	FY12 O&M Funds
High Use	59	90%	56	66%	54	62%
Moderate Use	100	9%	52	19%	61	25%
Low Use	908	1%	63	5%	41	6%
Other				10%		7%
Total	1067	100%	171	100%	156	100%

highest priority capital investments and maintenance activities.

Performance Based Budgeting

HIGH USE Navigation Threshold: 5+ million tons of commerce each year

- Norfolk Harbor
- York River

MODERATE USE Navigation Threshold: 1-5 million tons of commerce each year

- James River

LOW USE Navigation Threshold: <1 million tons of commerce each year

- 65 Norfolk District Low Use Projects

LOW USE Performance Priorities

- National Security (Navy/Coast Guard)
- Subsistence Harbor
- Harbor of Refuge – 20 Harbors of Refuge

President's FY 13 Budget in Virginia

General Investigation

$575,000

- Lynnhaven River Basin, VA
- Upper Rappahannock River Basin, VA
- Willoughby Spit and Vicinity, VA

Construction General

$2.5 Million

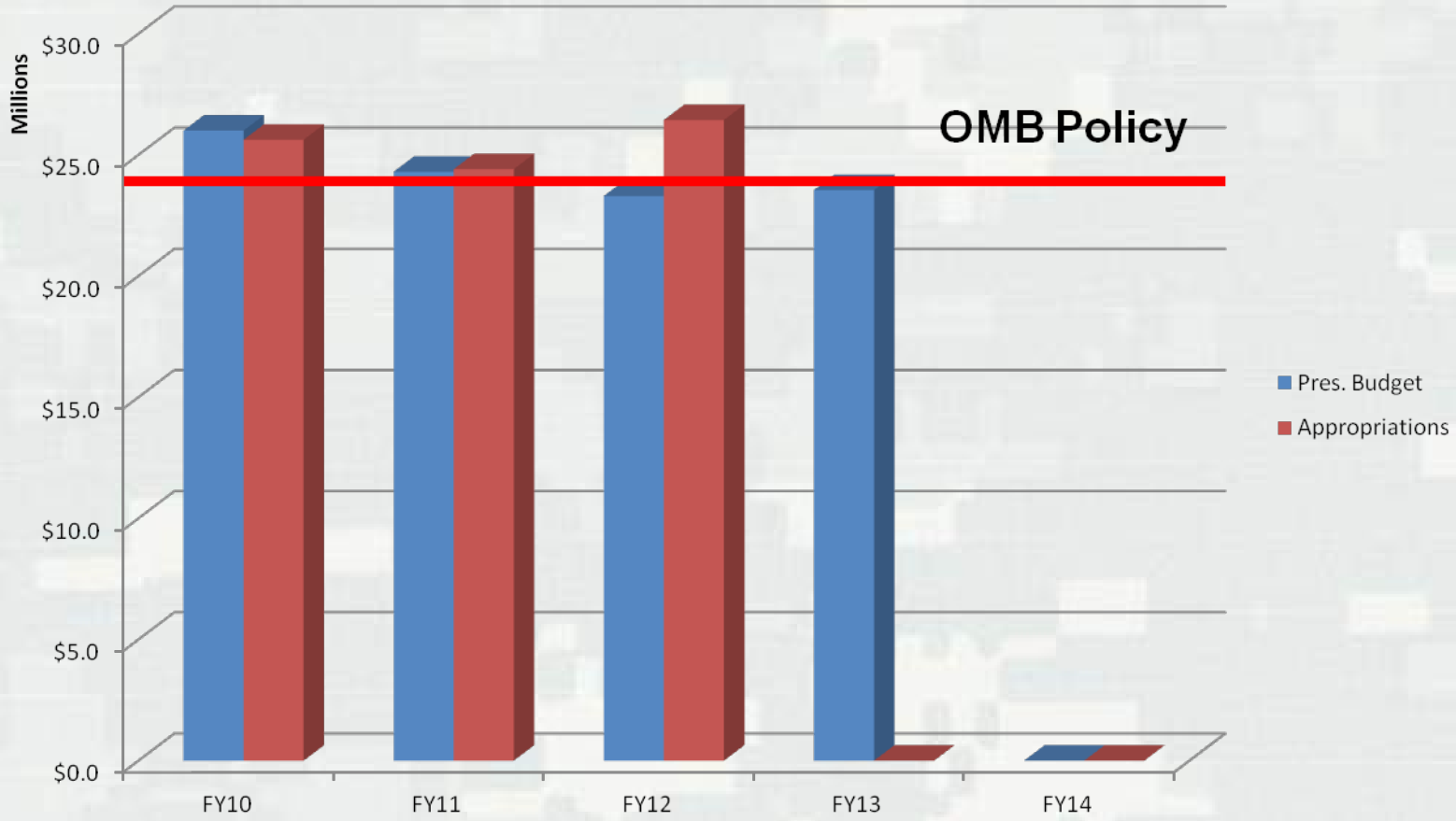
- Chesapeake Bay Oyster Program, VA

Operations and Maintenance

$23.6 Million

- Norfolk Harbor and Channels
- Project Condition Survey, Drift Removal, Prevention of Deposits
- Flood Risk Management
- Shallow Draft ($529,000)

Program Trends – Operation & Maintenance



Note: FY12 Appropriations amount includes Emergency Supplemental funds of $1.45M.

Sandy Supplemental – NAO Summary

(Disaster Relief Appropriations Act of 2013, PL 113-2)

Eastern Shore Operation and Maintenance Projects

- *6 Projects, Rough Order of Magnitude (ROM) 8.75M*
- *Initial work allowances received for E&D 1.35M*

	Rec'd to date	ROM Estimate	
Cape Chas City Harbor	*$ 75,000*	*$ 1,500,000*	
Chincoteague Inlet	*$ 75,000*	*$ 1,750,000*	
Onancock River	*$ 50,000*	*$ 1,000,000*	
Starlings Creek	*$ 100,000*	*$ 2,000,000*	
Tangier Channels	*$ 50,000*	*$ 1,000,000*	
Waterway on the Coast of VA		*$1,000,000*	*$ 1,500,000*

Eastern Shore Federal Navigation Projects

Eastern Shore Navigation Dredging Funded Program

- Waterway on the Coast of Virginia
- Wachapreague Channel
- Chincoteague Inlet
- Onancock River
- Tangier Island
- Starlings Creek (Saxis)
- Cape Charles

Waterway on the Coast of Virginia (WCV)

- Currently minimally funded through the President's budget process

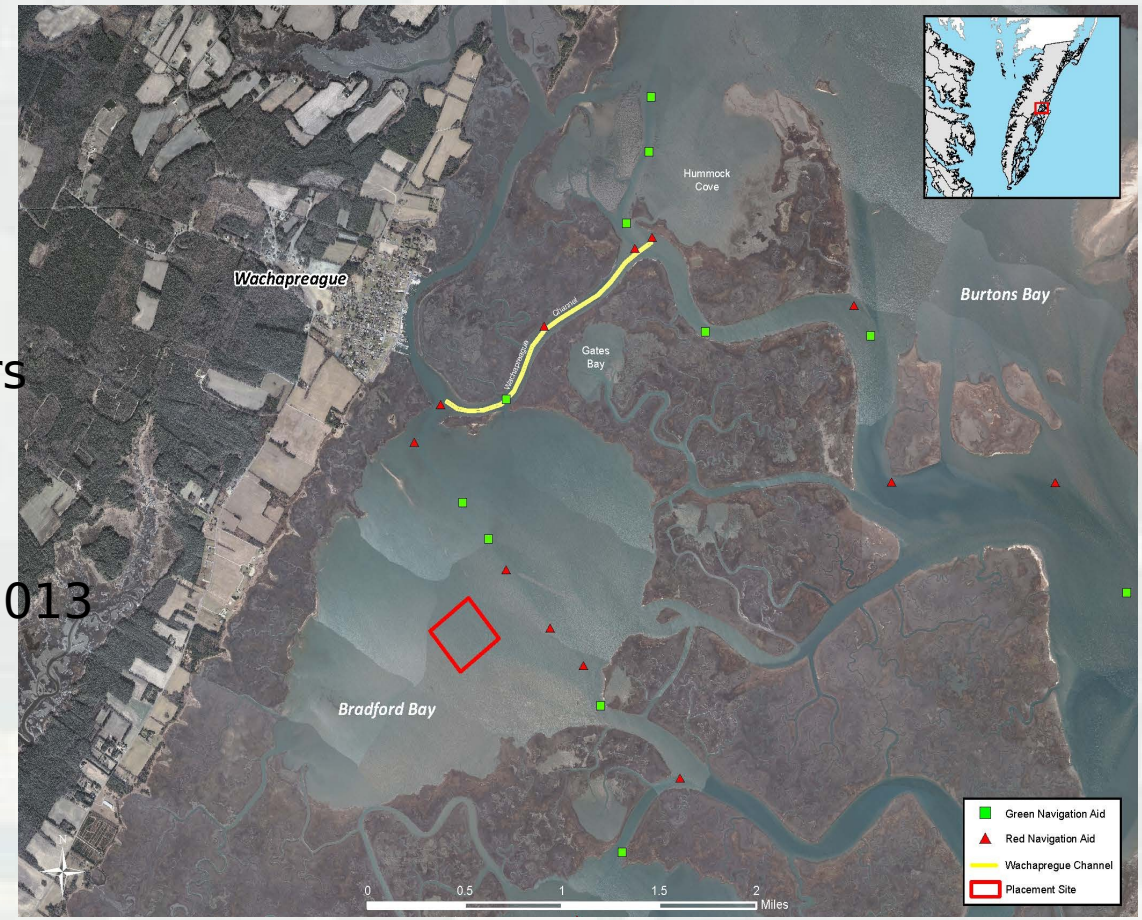
- Multiple channels currently impacted due to shoaling and and decreased dredging in recent years

- Regional collaboration and consolidated approach is required to re-energize continuous dredging operations

Project Manager: (757) 201-7041

WCV – Wachapreague Channel

- About 40,000 cubic yards of dredged material
- Virginia's Inside Passage between the connecting waters of Finney Creek and Burton's Bay
- Contract Awarded on 3/22/2013
- Estimated construction completion on 7/31/2013



Project Manager: (757) 201-7041

Chincoteague Inlet

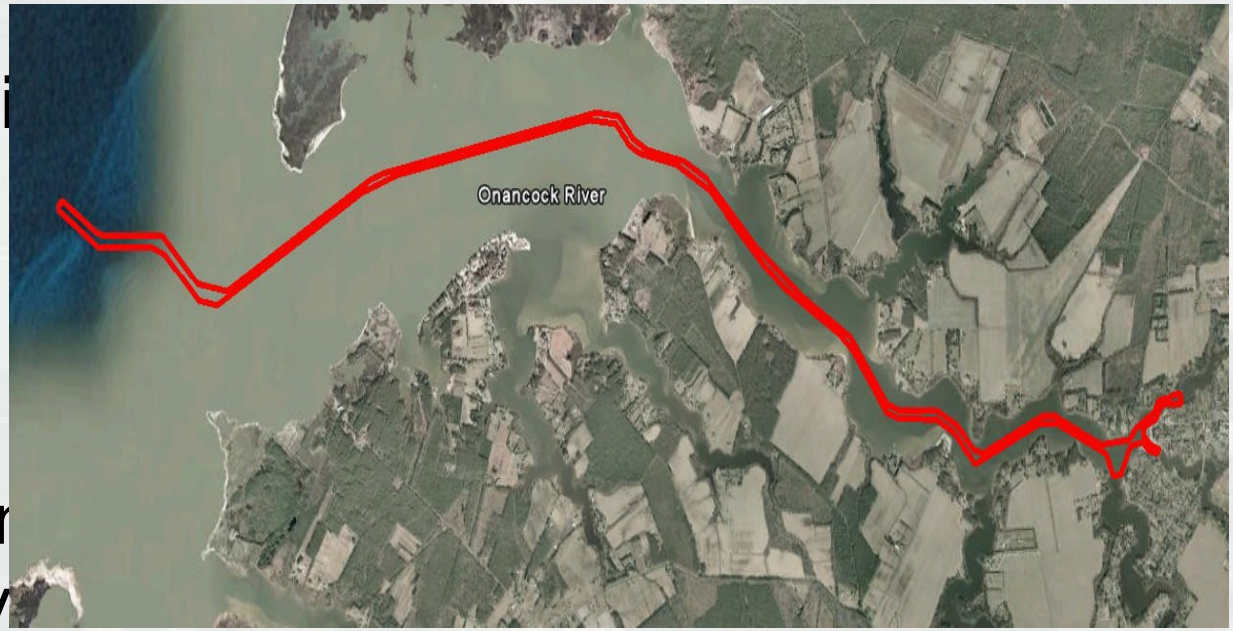
- Project Authorized to 12 Feet Deep
- Last dredged in 2012 by the *Currituck*
- Placement is Overboard site in Chesapeake Bay
- Permitted to allow for dredging by several difference kinds of equipment

Project Manager: (757) 201-7127

Onancock River

- Project Authorized to 12 Ft Deep

- Last dredged i
2010 by
the *Currituck*



- Placement is
Overboard site ir
Chesapeake Bay

- Permitted to allow for dredging by several difference kinds of equipment

Tangier Island

- Project Authorized to 7 and 8 Feet Deep

- Last dredged in 2012 by Persaud Company Inc

- Dredged Material Placement is on the Beach

- Permitted to allow for dredging by several difference kinds of equipment

Project Manager: (757) 201-7063

Starlings Creek

- Project

Entrance Channel
Authorized 7 Ft

Turning Basin
Authorized 7 Ft

Harbor of Refuge
Authorized 7 Ft

Last Dredged in 200
(65,000 CY)

- Placement Area – Stability has been compromised - draft design to be prepared with new permit application

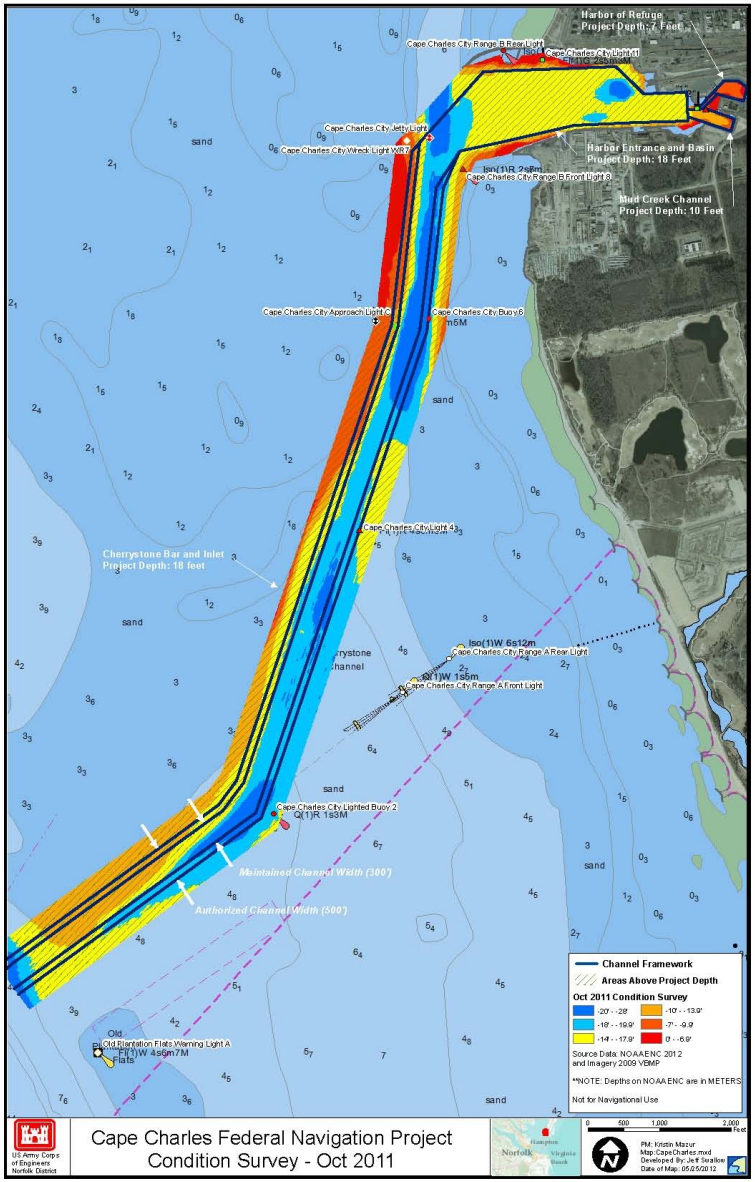
Cape Charles City Harbor Projects

- Potential Dredging Areas:

Cherrystone Channel (18’ depth
City Harbor (18’ depth)
Mud Creek (10’ depth)
Harbor of Refuge (7’ depth)

- Anticipated Placement Sites:

Sandy material on town beach.
Harbor material upland site eas
of town.


Harbor of Refuge
Project Depth: 7 Feet
Harbor Entrance and Basin
Project Depth: 18 Feet
Mud Creek Channel
Project Depth: 10 Feet
Cherrystone Bar and Inlet
Project Depth: 18 feet
Cape Charles City Range B Rear Light
Cape Charles City Light 4
Cape Charles City Jetty Light
Cape Charles City Wreck Light WR7
Cape Charles City Range B Front Light 3
Cape Charles City Approach Light C
Cape Charles City Buoy 6
Cape Charles City Range A Rear Light
Cape Charles City Range A Front Light
Cape Charles City Lighted Buoy 2
Q(1)R 1S3M
Maintained Channel Width (300')
Authorized Channel Width (500')
Old Plantation Flats Warning Light A
Channel Framework
Areas Above Project Depth
Oct 2011 Condition Survey
Source Data: NOAA ENC 2012
and Imagery 2009 VBMP
**NOTE: Depths on NOAA ENC are in METERS
Not for Navigational Use
Cape Charles Federal Navigation Project
Condition Survey - Oct 2011

USCG Navigation Challenges

Aids to Navigation

Current Conditions, Specific Navigation Problem Areas

- Locations of Navigation Challenges
- Time of Year for Dredging Operations
- Recommendations for Solutions
- Prospects for Additional Projects

Keys to Future Success

- Maintenance of Dredged Material Placement Areas
- Status of Environmental Permits
- Accurate Boat Traffic and Commercial Usage Data
- Innovative Funding Solutions
- Identify Priority Projects

Wachapreague Channel
Formula For Success…

- Highly supported by the Region
- Stressed ‘out of the box’ value of Waterways on Eastern Shore
- USCG and Local Sponsor, amply engaged
  - Proactive communication
  - Local teamwork
- Engaged State and Congressional interests
- Commitment / Communications / Determinati

Recommendations

- Early Planning
  Anticipate Dredging Needs in Advance
  Identify Priority Projects
  Take Action to Secure Local Support and Funding
  Identify a Placement Areas
  Agreements may be Required

- Continue to communicate often…and among all layers of government

Delmarva Water Transport Committee

- Purpose of Agency

  Mission

  Accomplishments

- Role in Virginia Projects

Questions/Comments?

Contact Information:
Norfolk District, USACE
Operations Branch